







PCT

International Bureau INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶:
C07H 21/02, 21/04, C12N 5/06, 5/08, 5/10, C12Q 1/02, 1/68, C12P 21/06

A1

(11) International Publication Number:

WO 99/05161

(43) International Publication Date:

4 February 1999 (04.02.99)

(21) International Application Number:

PCT/US98/15411

(22) International Filing Date:

24 July 1998 (24.07.98)

(30) Priority Data:

60/053,692

25 July 1997 (25.07.97)

US

(71) Applicants (for all designated States except US): LIGAND PHARMACEUTICALS INCORPORATED [US/US]; 10275 Science Center Drive, San Diego, CA 92121 (US). INSTITUT PASTEUR [FR/FR]; 1, rue Professeur Calmette, Boite postale 245, F-59019 Lille Cedex (FR).

(72) Inventors; and

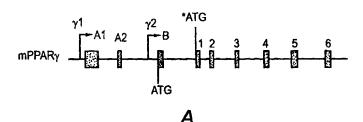
- (75) Inventors/Applicants (for US only): BRIGGS, Michael, R. [US/US]; 417 Carmathen Court, Exton, PA 19341 (US). SALADIN, Regis, S. [FR/US]; 4391 Caminito del Diamante, San Diego, CA 92121 (US). AUWERX, Johan [BE/FR]; 60, route de Hasnon, F-59178 Millionfosse (FR). FAJAS, Lluis [FR/FR]; Institut de Genetique Moleculaire, 1919, route de Mende, F-34000 Montpellier (FR).
- (74) Agents: WARBURG, Richard, J. et al.; Lyon & Lyon LLP, Suite 4700, 633 West Fifth Street, Los Angeles, CA 90071-2066 (US).

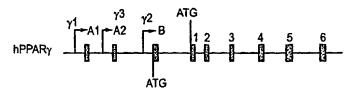
(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published.

With international search report.

(54) Title: HUMAN PEROXISOME PROLIFERATOR ACTIVATED RECEPTOR GAMMA (PPAR γ) GENE REGULATORY SEQUENCES AND USES THEREFOR





B

(57) Abstract

This invention relates to the isolation and cloning of the promoter and other control regions of human PPAR γ gene. It provides a method for identifying and screening for agents useful for the treatment of diseases and pathological conditions affected by the level of expression of the PPAR γ gene. These agents interact directly or indirectly with the promoter or other control regions of the PPAR γ gene.